

Fig. 1

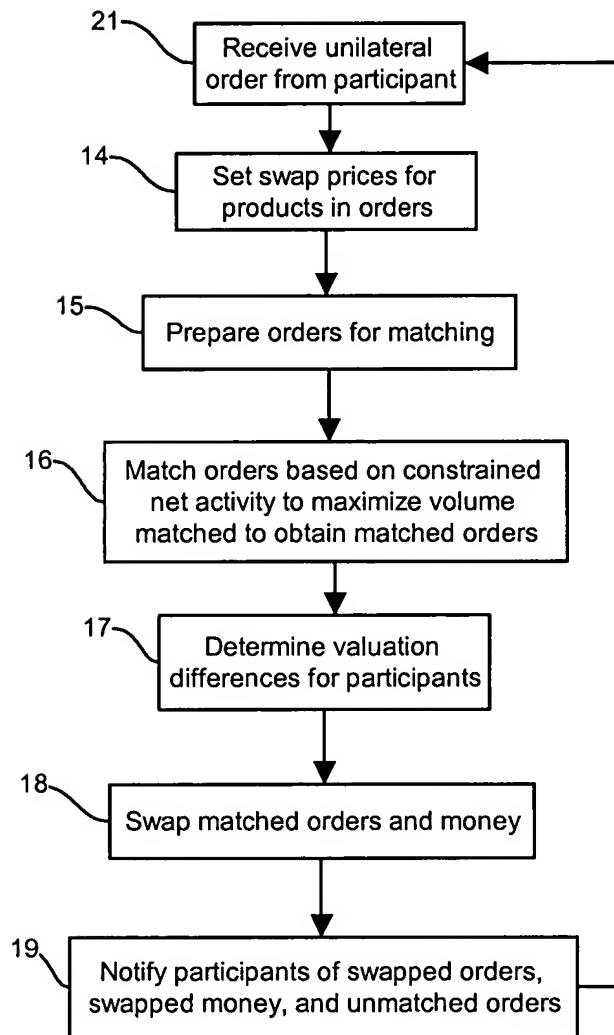


Fig. 2

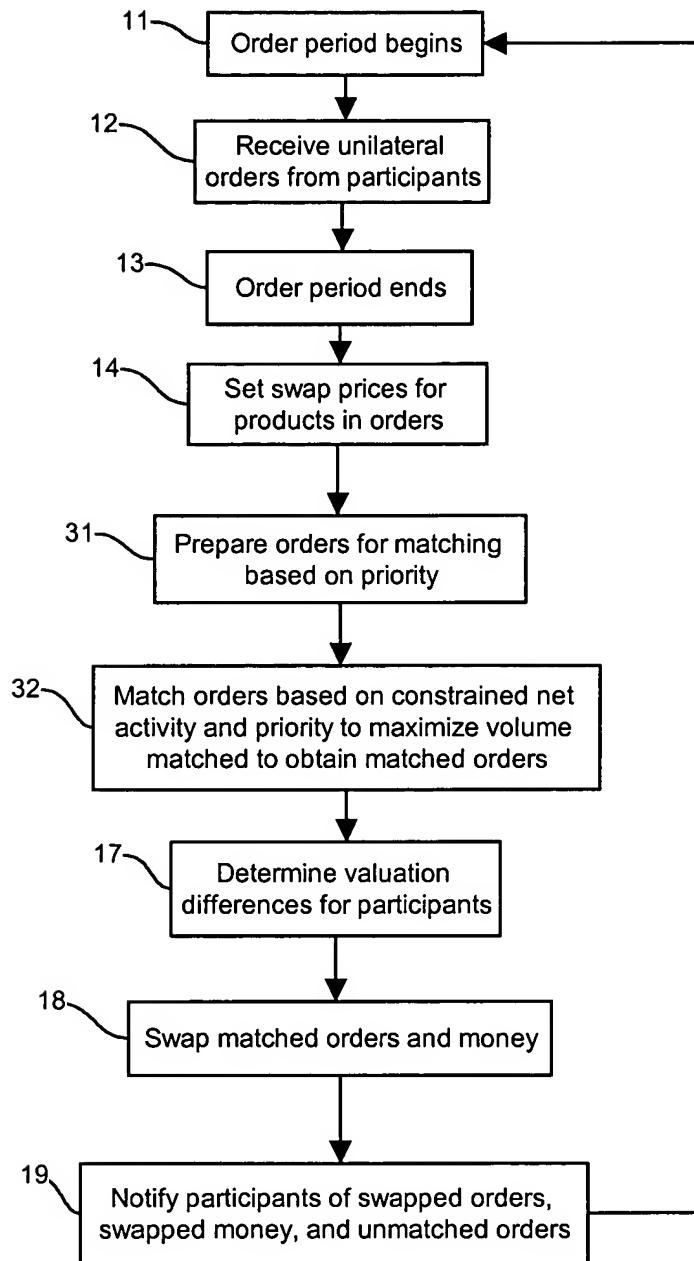


Fig. 3

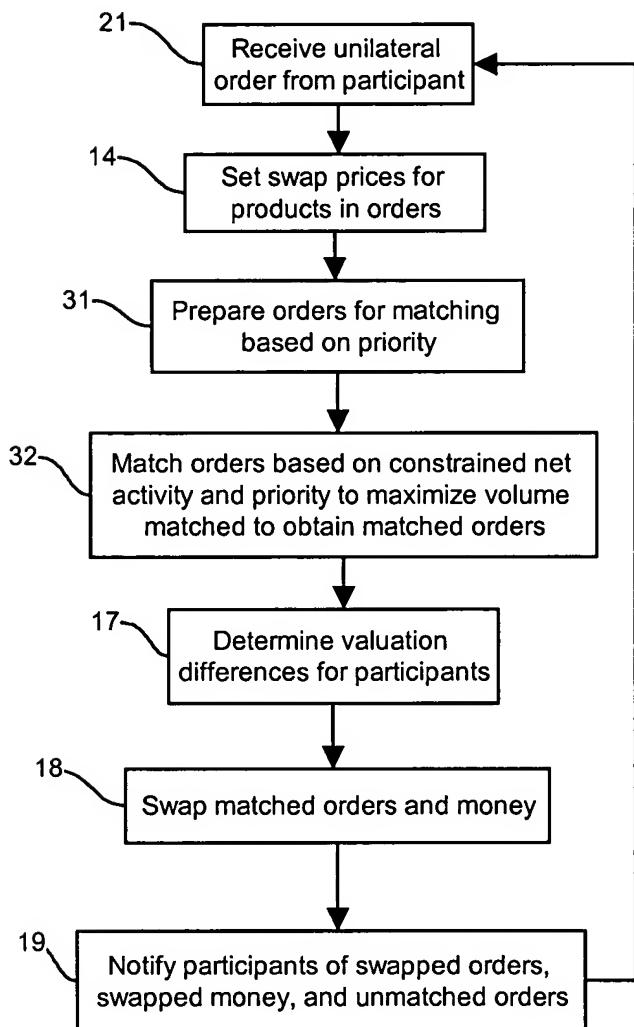


Fig. 4

502

503

501

504

505

506

507

508

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9
Cust 1	10	-10	-10	-10					
Cust 2	-10	10							
Cust 3	-10		10						
Cust 4	-10			10					
Cust 5					20	-10	-15	-20	-20
Cust 6					-20	20			65
Cust 7					-20		20		20
Cust 8					-20			20	20
Cust 9					-20				20

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9
Prod 1	10	10	10	10	20	20	20	20	20
Prod 2	30	10	10	10	80	10	15	20	20
Prod 3									
Prod 4									
Prod 5									
Prod 6									
Prod 7									
Prod 8									
Prod 9									

FIG. 5A

The diagram illustrates a matrix operation. At the top, a row of boxes labeled 510 contains the values 10, 10, 10, 20, 15, 15, 5, 5, and 60. A bracket labeled 512 points to the last two boxes (5 and 60). Below this is a 9x9 matrix labeled 509. The columns are labeled Prod 1 through Prod 9, and the rows are labeled Cust 1 through Cust 9. The matrix contains the following data:

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9
Cust 1	10	-10							
Cust 2	-10	10							
Cust 3									
Cust 4									
Cust 5				20		-15		-5	
Cust 6									
Cust 7				-15		15			
Cust 8					-5				
Cust 9							5	5	5

Annotations are present: a bracket labeled 509 points to the first column of the matrix; a bracket labeled 510 points to the first row of the matrix; a bracket labeled 511 points to the first two columns of the matrix; and a bracket labeled 512 points to the last two entries of the first row.

FIG. 5B

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9
Cust 1			-10	-10					
Cust 2									
Cust 3	-10		10						
Cust 4	-10			10					
Cust 5					-10		-20	-15	
Cust 6					-20	20			45
Cust 7					-5		5		20
Cust 8					-20		20		20
Cust 9					-15			15	15

FIG. 5C



	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9
Cust 1	9	18	7	22					
Cust 2	13	12							
Cust 3	1		6						
Cust 4	21			15					
Cust 5					23	10	5	3	19
Cust 6					2	16			
Cust 7					20		14		
Cust 8					17		11		
Cust 9					4				8

FIG. 5D

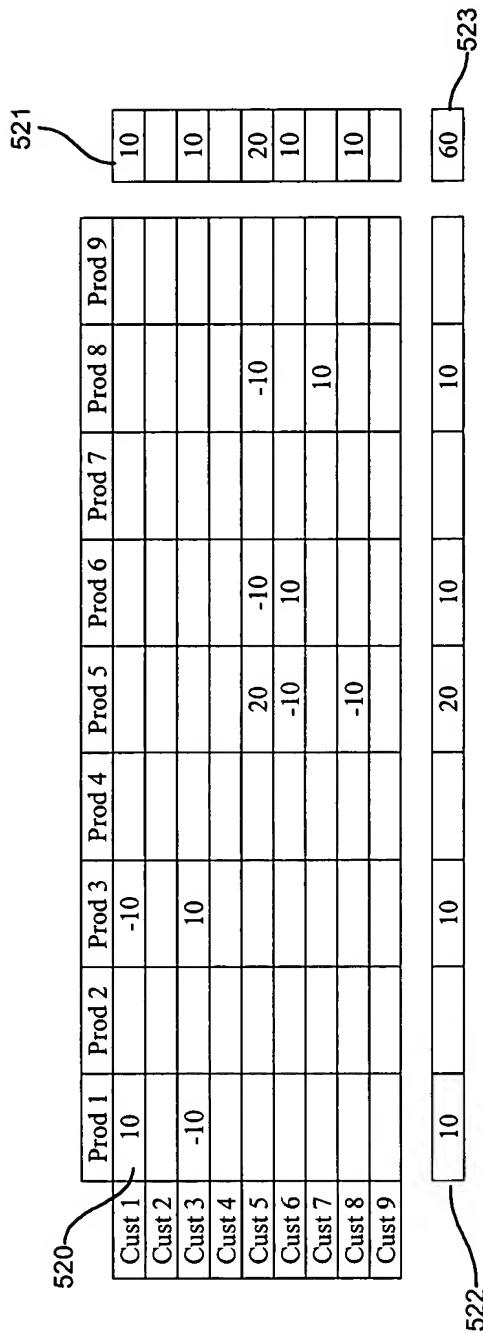


FIG. 5E

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9
Cust 1		-10		-10					
Cust 2	-10	10							
Cust 3				10					
Cust 4	-10								
Cust 5						-15	-10	-20	
Cust 6					-10	10			
Cust 7					-20		20		
Cust 8					-10			10	
Cust 9					-20				20

FIG. 5F

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9	Prod 10
Cust 1	-17	92	-61	-20		40				132
Cust 2		97	-24							98
Cust 3		95			-30		-61	46		24
Cust 4			-96	-68				-3		97
Cust 5		-39		70				-95		91
Cust 6			44		96					141
Cust 7	-18	-37	-50	-32						167
Cust 8	-63		-83	22				24		134
Cust 9	-53	-19	-40							140
Cust 10		-20								112
Cust 11		-24		29						137
Cust 12		-80				-54				46
Cust 13									-41	146
Cust 14	-59	-46			-67	83				71
Cust 15										20
Cust 16	-89	79		9	57		-19			29
Cust 17		2		-13					-24	24
Cust 18	-64									134
Cust 19	82					-44				41
Cust 20										83
Cust 21			-18	-14		-45				172
Cust 22	-91	-13	34				-50			145
Cust 23	-52		-14			92				108
Cust 24	-31		-68	-4			-78			2
Cust 25		-52	-49		-95		-89	24		37
Cust 26		-10		31						64
Cust 27	43	59						-18		82
Cust 28										44
Cust 29							-53			102
Cust 30		29	-12					-81	19	48

125	363	90	78	132	69	153	175	94	138
394	408	268	346	113	139	111	302	326	83

1417

FIG. 6A

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9	Prod 10
Cust 1	-17	38	-7	-20		6				44
Cust 2		24	-24							24
Cust 3		47				-30				91
Cust 4										
Cust 5										
Cust 6										
Cust 7										
Cust 8		-2		-14						16
Cust 9										
Cust 10										24
Cust 11				-24						
Cust 12										
Cust 13										
Cust 14			-33							33
Cust 15										
Cust 16		-25								44
Cust 17			2	-2						2
Cust 18										
Cust 19		44								44
Cust 20										
Cust 21										
Cust 22				34						34
Cust 23				-52						52
Cust 24										
Cust 25										24
Cust 26										2
Cust 27										
Cust 28										
Cust 29										
Cust 30				29						31
										465
	44	109	31	34	2	30	44	85	84	2

FIG. 6B

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9	Prod 10
Cust 1	71	78	50	74		14				
Cust 2		38	79							
Cust 3		28			7		31	53		
Cust 4				2	35				33	
Cust 5		67			81				39	
Cust 6				43		17				
Cust 7	30	80			73	51				
Cust 8	20				55	54			5	
Cust 9	70	3	27							
Cust 10			44							61
Cust 11			23			66				
Cust 12			41					77		
Cust 13								32		
Cust 14	12	21					25	63		
Cust 15										
Cust 16	82	18			15		75	9		
Cust 17			6		10					24
Cust 18		45								
Cust 19	34						11			
Cust 20										
Cust 21										
Cust 22		26	64	52				36	40	
Cust 23		16		29				72		
Cust 24	48		22	8					65	
Cust 25			42	76		68		19	60	
Cust 26			1		57				69	
Cust 27	49		58							62
Cust 28								37		
Cust 29										
Cust 30				47	13				59	4

FIG. 6C

FIG. 6D

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9	Prod 10
Cust 1	-17	81	-54	-10		34				115
Cust 2		73								81
Cust 3		6								73
Cust 4				-96	-68					50
Cust 5		-39			70					167
Cust 6				44						70
Cust 7	-18	-37		-50	-32					134
Cust 8	-63			-59	22					140
Cust 9	-53	-19	-40							
Cust 10		-20								
Cust 11					5					71
Cust 12		-80								20
Cust 13						-54				5
Cust 14	-59	-13								134
Cust 15										
Cust 16	-45	60		9		13				41
Cust 17					-11					
Cust 18	-64									50
Cust 19	38									139
Cust 20										
Cust 21				-18		-14				
Cust 22		-57	-13							77
Cust 23				-14						120
Cust 24	-31		-68	-4						40
Cust 25			-52	-49		-95				14
Cust 26				-10	29					181
Cust 27	43		59							261
Cust 28										29
Cust 29										26
Cust 30										102
										48
										48
										53
										17
										62

81	220	59	44	130	39	109	90	44	136
350	265	237	312	111	109	67	217	276	81

952

FIG. 6E

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9	Prod 10
Cust 1	-17	81	-82	-10		34				115 109
Cust 2		73	73							146
Cust 3	6	32			-54		-38	44		82 92
Cust 4				-96	-68		-96	-3		263
Cust 5	-95	39			70			-95		70 229
Cust 6				44		96				140
Cust 7	-18	37		-50	-32		-23			160
Cust 8	-63			-59	22					22 122
Cust 9	-53	19	-40							112
Cust 10		-20						150	150	20
Cust 11					5					5
Cust 12		-80					-54			134
Cust 13							-15	-41		56
Cust 14	-59	-13					-67	50		50 139
Cust 15										
Cust 16	-45	60		9		13				82 45
Cust 17				-11				-24		35
Cust 18	-64									64
Cust 19	38									38
Cust 12				78						78
Cust 21			-18		-14		-45			77
Cust 22	-57	-13		-14			-50			120
Cust 23						40				40 14
Cust 24	-31	-68	-4				-78			181
Cust 25		-52	-49		-95		-65	-93		354
Cust 26			-10		29			-16		29 26
Cust 27	43	59								102
Cust 28								48		48
Cust 29	14						-53			14 53
Cust 30					-12			-50	17	17 62

95	220	164	122	130	39	109	90	44	215	
445	265	265	312	111	163	90	366	369	81	
										1228

FIG. 6F

	Prod 1	Prod 2	Prod 3	Prod 4	Prod 5	Prod 6	Prod 7	Prod 8	Prod 9	Prod 10
Cust 1		7	-32			25				32
Cust 2										
Cust 3		6	32			-25		-13		38
Cust 4										
Cust 5										
Cust 6										
Cust 7										
Cust 8										
Cust 9										
Cust 10										
Cust 11										
Cust 12										
Cust 13										
Cust 14		-1	-13					-13	27	27
Cust 15								13		13
Cust 16		-13								
Cust 17										
Cust 18										
Cust 19										
Cust 20										
Cust 21										
Cust 22										
Cust 23										
Cust 24										
Cust 25										
Cust 26										
Cust 27										
Cust 28										
Cust 29		14						-14		14
Cust 30										
								25	13	27
										124

FIG. 6G

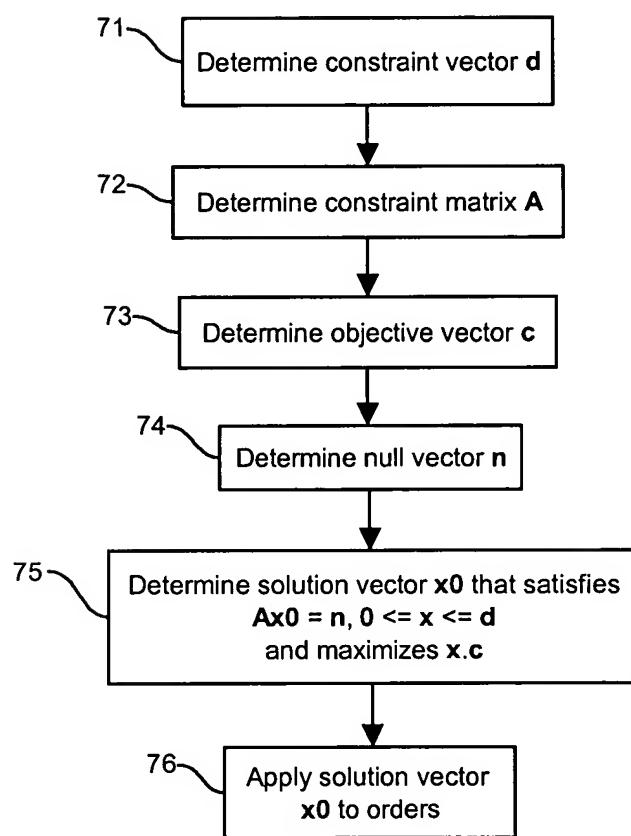


FIG. 7

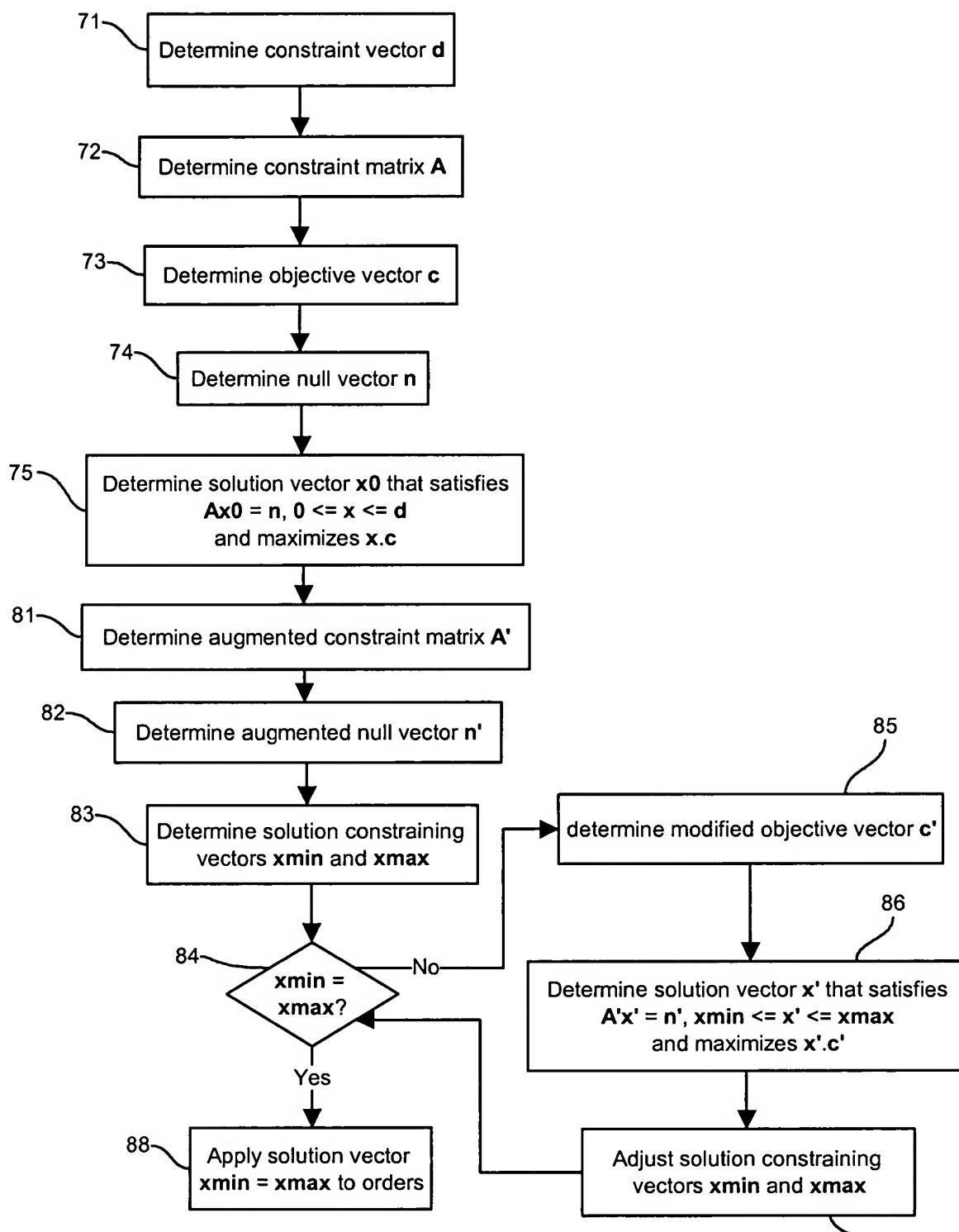


FIG. 8

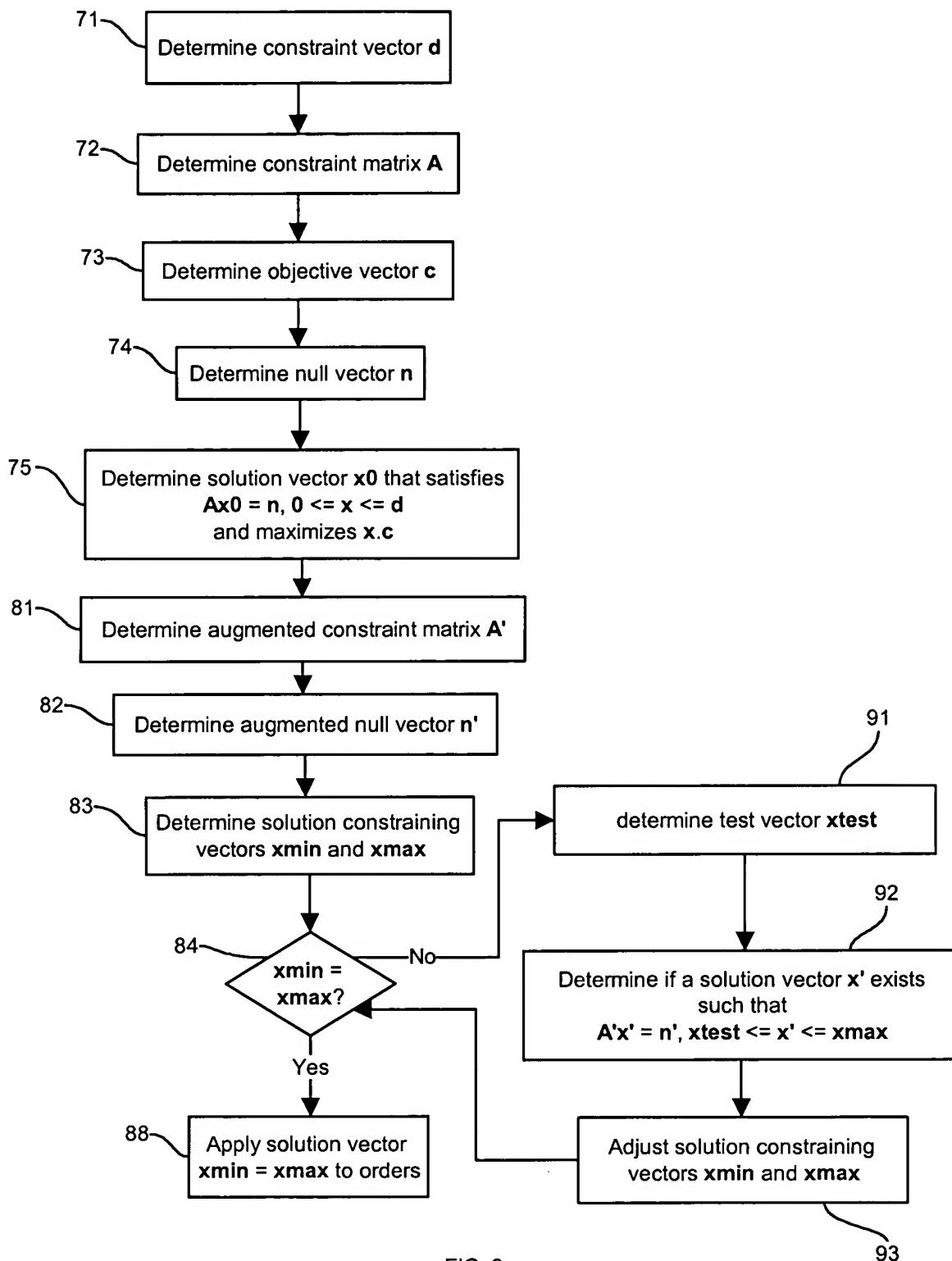


FIG. 9

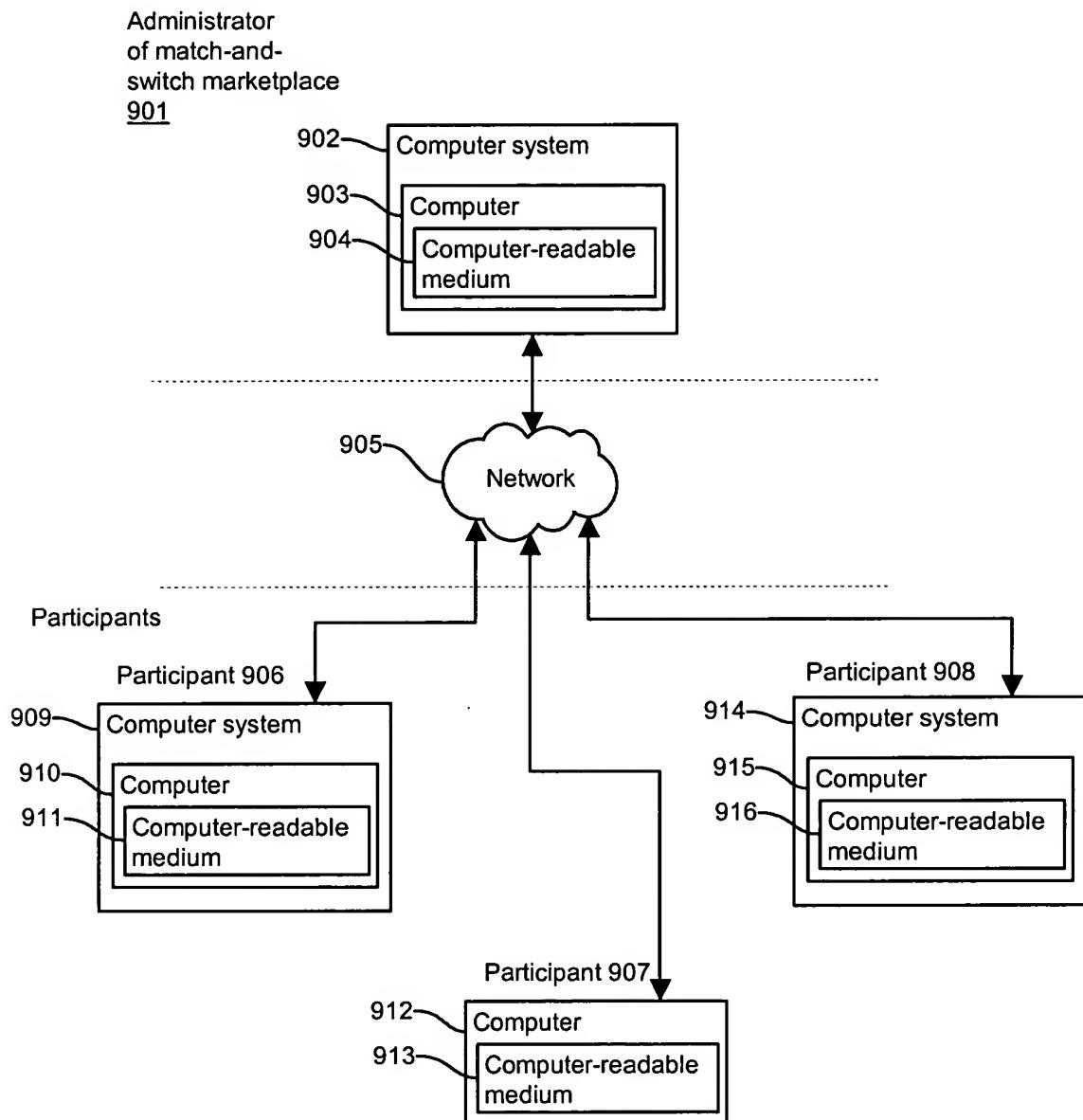


FIG. 10